



May 08, 2008

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Result # 1 Relevance:

Program Controlled I/ O Address Assignment

1973-06-01 IPCOM000079279D

English (United States)

Dynamic address assignment to control units is accomplished by the following structure. I/O devices are attached to an I/O controller 10 by device adapters 1, 2, and 3 over a device/controller interface 12. Each device adapter is assigned a reset address. Each device ...

Result # 2 Relevance:

LAN Local Gateway

1992-02-01 IPCOM000107303D

English (United States)

This article describes a mechanism for providing Host Application support for Workstation LAN Devices using a Token-Ring adapter, LAN Wiring and Gateway functions.

Result # 3 Relevance:

Channel To Channel Adapter for I/ O Interface Switching

1971-03-01 IPCOM000074072D

English (United States)

The present system implements channel-to-channel communication by making use of the I/O interface switching provisions that are required for the systems to pool I/O devices and share a data base. I/O interface switching is provided, by an addressable interface crosspoint ...

Result # 4 Relevance:

Intrinsically Actuated Real Unit Operations for Virtual Unit Addressing

1975-04-01 IPCOM000083121D

English (United States)

Common memory apparatus shared by a plurality of host CPU's, each host having an independent set of virtual address spaces, require memory-actuated operations on real disk type memory devices supporting the independent virtual addressing. Each host has independently ...

Result # 5 Relevance:

Network Identifiers for the NETBIOS LAN Communication Protocol

1992-12-01 IPCOM000110577D

English (United States)

This article extends the NETBIOS addressing specification by allowing a Network Identifier (NETID) to be part of a NETBIOS addressing definition. This permits multiple NETBIOS networks to exist on a single LAN, Bridged LANs and LANs which are interconnected by gateways to ...

Result # 6 Relevance:

Broadcast Duplicate Address Testing

1991-09-01 IPCOM000121455D

English (United States)

Token Ring adapters can insert into a network which includes source- routing bridges with an address that is a duplicate of some other adapter on the network, as long as the two adapters are on different rings. This can result in errors connecting and disconnecting links.

Result # 7 Relevance:

Using Multiple Preallocated Pools of Memory for Bi-Endian Systems

1996-01-01 IPCOM000117242D

English (United States)

A method for supporting zero copy communication interfaces in a multiple byte ordered computing system is disclosed. These systems are sometimes referred to as bi-endian systems. The scheme disclosed uses a byte-order translating bridge, whose byte operations are ...

Result # 8 Relevance:


Securing Data Integrity During Dynamic Reconfiguration

1978-10-01 IPCOM000070525D

English (United States)

A mass storage system, including a mass storage control for operating a mass storage facility (MSF) and a plurality of staging adapters having connected DASD (direct-access storage device) spindles D1-D4, provides for automatic reconfiguration upon the failure of any one of ...

Result # 9

Relevance: 


Shared Address Space for Local Functions On Multiple Adapters

1991-03-01 IPCOM000119820D

English (United States)

There are times when it is desirable to use an adapter multiple times in a system. It is possible that there are addressable functions on the adapter that are meant to be used only by that specific device. These types of functions will be called Local functions.

Result # 10

Relevance: 

SCSI Device Auto-Sensing for On-Board SCSI Interface Sub-System

1994-02-01 IPCOM000111406D

English (United States)

This article describes an SCSI device auto-sensing scheme to disable an on-board SCSI interface sub-system when no SCSI device is attached to the sub-system in order to release system resources that are allocated to the SCSI interface sub-system.

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Search query: assigning to each of the processes a single respective doorbell address in an address range, in an address space of the host device, occupied by a network interface adapter that couples the host device to the network.

Published Before: 4-11-2001 (Original publication date)

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